

# TESCO TERMINAL NEWS

TESCONEWS VOLUME #2

OCTOBER, 2002

## PIPELINE PROJECT COMPLETED

### TESCO COMPLETES COMPLEX VAPOR PIPELINE PROJECT ON TIME AND UNDER BUDGET!

The TESCO team recently completed a major terminal vapor pipeline project. TESCO was awarded this challenging turnkey project to design and install a large diameter vapor pipeline. We were chosen because of our experience, and our history of exceptional performance in projects like this.

Since this is a very large terminal, the client wanted to keep the facility up and running. This meant extra coordinating in scheduling tie-ins, and in planning hot work. Working together, we did it!

The new vapor pipeline traversed unusual routes through the middle of the terminal. Some were overhead, requiring specially-designed pipe stations, while others were deep underground. Selecting the routing was the first major hurdle, since the space was severely limited. TESCO's team worked with the terminal staff get it done to everyone's satisfaction.

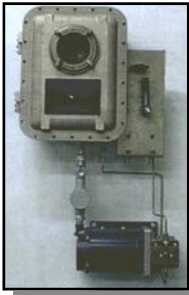
With a shallow water table, the pipe support design and underground routing work needed special attention to construction details. Concrete was mixed richer than normal for supports. All normally dangerous subterranean work was made safe with heavy duty ditch wall supports. Ground water management was a problem too. Special sump pumps were employed to keep the wet areas dry enough so work could continue without delays.



Challenge after challenge was overcome during this three-month-long project. Since some of the new pipeline was buried in a salt water saturated soil, special external coating

and cathodic protection were designed to protect the buried components. TESCO's team met this challenge with an innovative approach to coating applications, saving project time and client money.

TESCO is awarded many specialty projects like this each year because of its familiarity with terminal operations. And, the "Job Well Done!" compliment from this client was TESCO's best reward.



## **TESCO ADDS VALUE WITH THE RIGHT TERMINAL TECHNOLOGY PRODUCTS**

Sometimes it is not obvious just exactly what you need. Following instructions from the permit officer, a TESCO client ordered what they believed they needed; a costly and complex Continuous Emissions Monitor (CEM). Once installed, they discovered the permit really only required a device to detect emissions, and an alarm if they got too high.

TESCO's engineers worked with the client to design a system to do what was required. TESCO took back the

very complex CEM system and replaced it with the much simpler "Hydrocarbon Breakthrough Monitor" (HCBM™) system. The HCBM cost much less and was much easier to install. TESCO saved this client thousands of dollars, not to mention all of the after-sale calibration and maintenance that is a part of the normal CEM system.

It pays to listen. Sometimes it pays to ask questions too ... just to make sure you actually buy what you need. If you buy more than you need, you just buy more headaches and spend more money. No one wins in that deal. But, by dealing with TESCO's professionals who know what to ask, and actually listen, you always get just what you need from TESCO. We guaranty it!

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